

INTERNATIONAL SEARCH REPORT

Int onal Application No
PCT/IB 03/05763

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L23/544 H01L21/66

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 800 418 A (NATSUI YOSHINOBU) 24 January 1989 (1989-01-24) figures 3,7	1-7
Y	US 6 054 721 A (MILOR LINDA S) 25 April 2000 (2000-04-25) cited in the application column 9, line 29 - line 38; figures 2,3	1-7
A	US 6 177 733 B1 (OBARA AYUMI) 23 January 2001 (2001-01-23) figures 5-10	1-7
A	US 5 286 656 A (KEOWN SUSAN M ET AL) 15 February 1994 (1994-02-15) figures 1-5	1-7

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

15 April 2004

Date of mailing of the international search report

23/04/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 523 252 A (SAITO YUTAKA) 4 June 1996 (1996-06-04) figures 13-16</p> <p style="text-align: center;">-----</p>	1-7

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/05763

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4800418	A	24-01-1989	JP 1679251 C JP 3042503 B JP 61064138 A	13-07-1992 27-06-1991 02-04-1986
US 6054721	A	25-04-2000	US 6448098 B1	10-09-2002
US 6177733	B1	23-01-2001	JP 2994326 B2 JP 11307602 A TW 460998 B	27-12-1999 05-11-1999 21-10-2001
US 5286656	A	15-02-1994	NONE	
US 5523252	A	04-06-1996	NONE	